Application No. 10/020,030

In the Claims

1-31. (Cancelled)

- 32. (New) A wireless communication system comprising:
 - a network transceiver configured to:
 - receive a first unicast signal;
 - receive a multicast signal;
- process the first unicast signal using a first code to generate a first code division multiple access (CDMA) signal;
- process the multicast signal using a second code to generate a second CDMA signal; and
- simultaneously transmit the first CDMA signal and the second CDMA signal; and
- a first subscriber unit configured to receive the first CDMA signal and the second CDMA signal.
- 33. (New) The wireless communication system of claim 32 further comprising: a second subscriber unit configured to receive the second CDMA signal.
- 34. (New) The wireless communication system of claim 33 wherein the first subscriber unit is configured to demodulate the first CDMA signal into a first local demodulated signal and multiplex the first local demodulated signal onto a first local network for delivery to a first destination device.
- 35. (New) The wireless communication system of claim 34 wherein the first subscriber unit is configured to demodulate the second CDMA signal into a second local demodulated signal and multiplex the second local demodulated signal onto the first local network for delivery to a second destination device.
- 36. (New) The wireless communication system of claim 35 wherein the second subscriber unit is configured to demodulate the second CDMA signal into a third local demodulated signal and multiplex the third local demodulated signal onto a second local network for delivery to a third destination device.

37. (New) The wireless communication system of claim 36 wherein:

the network transceiver is further configured to receive a second unicast signal, process the second unicast signal using a third code to generate a third CDMA signal, and transmit the third CDMA signal; and

the second subscriber unit is configured to receive the third CDMA signal, demodulate the third CDMA signal into a fourth local demodulated signal and multiplex the fourth local demodulated signal onto the second local network for delivery to a fourth destination device.

- 38. (New) The wireless communication system of claim 32 wherein the multicast signal comprises video.
- 39. (New) The wireless communication system of claim 38 wherein the first unicast signal comprises data.

40. (New) A method of wireless communication, the method comprising:

in a network transceiver:

receiving a first unicast signal;

receiving a multicast signal;

processing the first unicast signal using a first code to generate a first code division multiple access (CDMA) signal;

processing the multicast signal using a second code to generate a second CDMA signal;

simultaneously transmitting the first CDMA signal and the second CDMA signal; and

in a first subscriber unit:

receiving the first CDMA signal and the second CDMA signal.

41. (New) The method of claim 40 further comprising:

receiving the second CDMA signal in a second subscriber unit.

42. (New) The method of claim 41 further comprising:

in the first subscriber unit:

demodulating the first CDMA signal into a first local demodulated signal; and

multiplexing the first local demodulated signal onto a first local network for delivery to a first destination device.

43. (New) The method of claim 42 further comprising:

in the first subscriber unit:

demodulating the second CDMA signal into a second local demodulated signal; and

multiplexing the second local demodulated signal onto the first local network for delivery to a second destination device. 44. (New) The method of claim 43 further comprising:

in the second subscriber unit:

demodulating the second CDMA signal into a third local demodulated signal; and

multiplexing the third local demodulated signal onto a second local network for delivery to a third destination device.

45. (New) The method of claim 44 further comprising:

in the network transceiver:

receiving a second unicast signal;

processing the second unicast signal using a third code to generate a third CDMA signal;

transmitting the third CDMA signal; and

in the second subscriber unit:

receiving the third CDMA signal;

demodulating the third CDMA signal into a fourth local demodulated signal; and

multiplexing the fourth local demodulated signal onto the second local network for delivery to a fourth destination device.

- 46. (New) The method of claim 40 wherein the multicast signal comprises video.
- 47. (New) The method of claim 46 wherein the first unicast signal comprises data.